

ABSTRACT

An apparatus for measuring heat dissipation of a target heating element includes a reference heating element for emitting heat; a control unit; and a pair of temperature measuring devices for measuring representative temperatures of the target and the reference heating element and transmitting to the control unit signals indicating the representative temperatures. The reference heating element has an outer configuration and sizes substantially identical to those of the target heating element. The control unit controls the reference heating element such that the representative temperature of the reference heating element becomes substantially identical to that of the target heating element.